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1 [Web-accessible network management tools](#)

Nathan J. Muller

September 1997 International Journal of Network Management, Volume 7 Issue 5


Publisher: John Wiley & Sons, Inc.



Full text available: [pdf\(298.85 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Web-based delivery of management information is becoming a key strategic element in corporate development. This article evaluates various proprietary web-based management tools, in light of recently proposed industry standards © 1997 John Wiley & Sons, Inc.

2 [Research-derived web design guidelines for older people](#)

 Sri Kurniawan, Panayiotis Zaphiris
October 2005 Assets '05: Proceedings of the 7th international ACM SIGACCESS
conference on Computers and accessibility
Publisher: ACM


Full text available:  [pdf\(1.26 MB\)](#)  [mov\(23:48 MIN\)](#)

Additional Information: [full citation](#), [abstract](#),
[references](#), [cited by](#), [index terms](#)

This paper presents the development of a set of research-derived ageing-centred Web design guidelines. An initial set of guidelines was first developed through an extensive review of the HCI and ageing literature and through employing a series of classification ...

Keyw ords: HCI, ageing, elderly, seniors, web design guidelines

3 [Semantic bookmarking for non-visual web access](#)

 Saikat Mukherjee, I. V. Ramakrishnan, Michael Kifer
September 2003 ACM SIGACCESS Accessibility and Computing, Issue 77-78
Publisher: ACM


Full text available:  [pdf\(344.42 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bookmarks are shortcuts that enable quick access of the desired Web content. They have become a standard feature in any browser and recent studies have shown that they can be very useful for non-visual Web access as well. Current bookmarking techniques ...

Keyw ords: assistive browsing, bookmarks, semantic partitioning

4 [Summarizing personal web browsing sessions](#)

 Mira Dontcheva, Steven M. Drucker, Geraldine Wade, David Salesin, Michael F. Cohen
October 2006 UI ST '06: Proceedings of the 19th annual ACM symposium on User
interface software and technology
Publisher: ACM


Full text available:  [pdf\(676.18 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


We describe a system, implemented as a browser extension, that enables users to quickly and easily collect, view, and share personal Web content. Our system employs a novel interaction model, which allows a user to specify webpage extraction patterns ...

Keyw ords: information management, template-based summarization, webpage extraction patterns

5 Semantic bookmarking for non-visual web access

 Saikat Mukherjee, I. V. Ramakrishnan, Michael Kifer
October 2004 Assets '04: Proceedings of the 6th international ACM SIGACCESS conference on Computers and accessibility


Publisher: ACM

Full text available:  [pdf\(344.42 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)


Bookmarks are shortcuts that enable quick access of the desired Web content. They have become a standard feature in any browser and recent studies have shown that they can be very useful for non-visual Web access as well. Current bookmarking techniques ...

Keywords: assistive browsing, bookmarks, semantic partitioning

6 Using information scent to model user information needs and actions and the Web

 Ed H. Chi, Peter Pirolli, Kim Chen, James Pitkow
March 2001 CHI '01: Proceedings of the SIGCHI conference on Human factors in computing systems


Publisher: ACM

Full text available:  [pdf\(278.29 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)


On the Web, users typically forage for information by navigating from page to page along Web links. Their surfing patterns or actions are guided by their information needs. Researchers need tools to explore the complex interactions between user needs, ...

Keywords: World Wide Web, data mining, information foraging, information retrieval, information scent, usability

7 How knowledge workers use the web

 Abigail J. Sellen, Rachel Murphy, Kate L. Shaw
April 2002 CHI '02: Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves

Publisher: ACM

Full text available:  [pdf\(425.34 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We report on a diary study of how and why knowledge workers use the World Wide Web. By examining in detail a complete two-day set of Web activities from each of 24 people, we construct a framework with which to describe the different tasks knowledge ...

Keyw ords: World Wide Web, appliances, diary study, knowledge workers, mobile technology, taxonomy

8 Adaptive hypermedia for the semantic web



Miloš Kravčák, Dragan Gašević

August 2006 APS '06: Proceedings of the joint international workshop on Adaptivity, personalization & the semantic web

Publisher: ACM

Full text available: pdf(523.14 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

In the area of technology enhanced learning reusability and interoperability issues essentially influence the productivity and efficiency of learning and authoring tools. This paper aims at addressing the issues of missing standards in the area of adaptivity ...

Keyw ords: adaptation, ontologies, personalization, standards, web services

9 Principled design of the modern Web architecture



Roy T. Fielding, Richard N. Taylor

May 2002 ACM Transactions on Internet Technology (TOIT), Volume 2 Issue 2

Publisher: ACM

Full text available: pdf(335.47 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

The World Wide Web has succeeded in large part because its software architecture has been designed to meet the needs of an Internet-scale distributed hypermedia application. The modern Web architecture emphasizes scalability of component interactions, ...

Keyw ords: Network-based applications, REST, World Wide Web

10 Special interest tracks and posters of the 14th international conference on World



Wide Web

Allan Ellis, Tatsuya Hagino, Fred Douglass, Prabhakar Raghavan
May 2005 proceeding

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)


On behalf of the program committee, welcome to the Industrial and Practical Experience track of WWW2005, the 14th International World Wide Web Conference. We received many excellent papers as submissions and it is unfortunate that our schedule constraints ...

11 Integrating the web and the world: contextual trails on the move



Frank Allan Hansen, Niels Olof Bouvin, Bent G. Christensen, Kaj Grønbaek, Torben Bach Pedersen, Jevgenij Gagach
August HYPertext '04: Proceedings of the fifteenth ACM conference on Hypertext 2004 and hypermedia

Publisher: ACM

Full text available:  [pdf\(3.41 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

This paper presents applications of HyCon, a framework for context aware hypermedia systems. The HyCon framework encompasses annotations, links, and guided tours associating locations and RFID- or Bluetooth-tagged objects with maps, Web pages, and collections ...

Keyw ords: SVG, XLink, context aware hypermedia, open hypermedia

12 Proceedings of the 14th international conference on World Wide Web



Allan Ellis, Tatsuya Hagino
May 2005 proceeding

Publisher: ACM

Additional Information: [full citation](#), [abstract](#)

Welcome to Japan and WWW2005. This is the 14th conference in the series that was started by Robert Cailliau in Geneva in 1994. It is also worth noting that the conference has now been held in each of the three major W3C host countries (USA, France, and ...


13 Keeping found things found on the web



William Jones, Harry Bruce, Susan Dumais

October CI KM '01: Proceedings of the tenth international conference on Information
2001 and knowledge management

Publisher: ACM

Full text available:  [pdf\(1.41 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

This paper describes the results of an observational study into the methods people use to manage web information for re-use. People observed in our study used a diversity of methods and associated tools. For example, several participants emailed web ...

Keyw ords: human-computer interaction, information retrieval, personal information management, world wide web use

14 Sensor-enhanced mobile web clients: an XForms approach



John Barton, Tim Kindberg, Hui Dai, Nissanka B. Priyantha, Fahd Al-bin-ali

May WWW '03: Proceedings of the 12th international conference on World Wide
2003 Web

Publisher: ACM

Full text available:  [pdf\(485.90 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
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This paper describes methods for service selection and service access for mobile, sensor-enhanced web clients such as wireless cameras or wireless PDAs with sensor devices attached. The clients announce their data-creating capabilities in "Produce" headers ...

Keyw ords: MIME types, browsers, forms, mobile computing, sensors, ubiquitous computing

15 WebSplitter: a unified XML framework for multi-device collaborative Web browsing



Richard Han, Veronique Perret, Mahmoud Naghshineh

December CSCW '00: Proceedings of the 2000 ACM conference on Computer
2000 supported cooperative work

Publisher: ACM

Full text available:  [pdf\(200.60 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

WebSplitter symbolizes the union of pervasive multi-device computing and collaborative multi-user computing. WebSplitter provides a unified XML framework that enables multi-device and multi-user Web browsing. WebSplitter splits a requested Web page and ...


Keywords: PDA, XML, co-browsing, collaboration, groupware, middleware, multi-device, partial view, pervasive, proxy, remote control, service discovery, wireless

16 People, places, things: web presence for the real world

Tim Kindberg, John Barton, Jeff Morgan, Gene Becker, Debbie Caswell, Philippe Debaty, Gita Gopal, Marcos Frid, Venky Krishnan, Howard Morris, John Schettino, Bill Serra, Mirjana Spasojevic

October 2002 Mobile Networks and Applications, Volume 7 Issue 5

Publisher: Kluwer Academic Publishers


Full text available:  [pdf\(248.58 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)


The convergence of Web technology, wireless networks, and portable client devices provides new design opportunities for computer/communications systems. In the HP Labs' "Cooltown" project we have been exploring these opportunities through an infrastructure ...

Keywords: location-aware computing, nomadic computing, physical-virtual linkage, ubiquitous computing, world wide web

17 Understanding photowork

 David Kirk, Abigail Sellen, Carsten Rother, Ken Wood
April 2006 CHI '06: Proceedings of the SIGCHI conference on Human Factors in computing systems

Publisher: ACM

Full text available:  [pdf\(828.70 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we introduce the notion of "photowork" as the activities people perform with their digital photos after capture but prior to end use such as sharing. Surprisingly, these processes of reviewing, downloading, organizing, editing, sorting ...

Keywords: browsing, content-based image retrieval, digital photo albums, photowork, searching, use of images


18 WebStickers: using physical tokens to access, manage and share bookmarks to the Web



Peter Ljungstrand, Johan Redström, Lars Erik Holmquist

April DARE '00: Proceedings of DARE 2000 on Designing augmented reality environments

Publisher: ACM

Full text available:  [pdf\(2.35 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

In the *WebStickers* system, where barcode stickers may be attached to physical objects making them act as bookmarks to the worldwide web in a convenient way to the user. Using readily available technology, i.e., standard barcode readers and adhesive ...

Keywords: barcodes, bookmark management, information workspaces, physical tokens, tangible interfaces, world wide Web, world wide web


19 Because we have better things to do: automating common support tasks



Keith B. Erikson, Stephen G. Lewis

November SIGUCCS '06: Proceedings of the 34th annual ACM SIGUCCS conference on User services

Publisher: ACM

Full text available:  [pdf\(368.87 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

As technology permeates more aspects of our everyday lives, greater demands are placed on information technology personnel. Lehigh University computing consultants have found their scope of responsibility broadening as campus departments turn to computer-based ...


Keywords: active directory, automation, ghost, imaging, scripts, utilities, web-based, windows XP, windows server 2003

20 Bridging the physical and virtual worlds by local connectivity-based physical selection

Heikki Ailisto, Lauri Pohjanheimo, Pasi Välikynen, Esko Strömmer, Timo Tuomisto, Ilkka Korhonen

September Personal and Ubiquitous Computing, Volume 10 Issue 6

Publisher: Springer-Verlag

Full text available:  [pdf\(313.94 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The prevalent visions of ambient intelligence emphasise natural interaction between user and functions and services embedded in the environment or available through mobile devices. In these scenarios the physical and virtual worlds seamlessly gear into ...

Keywords: Ambient intelligence, Cellular phone, HCI, Mobile device, Near field communication, Physical browsing, RFID, User interface

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